

From: [Labiosa, Rochelle](#)
To: [Mann, Laurie](#)
Cc: [Cope, Ben](#)
Subject: RE: Region 10 nutrients presentation preparation - information compilation requested by Sept. 10
Date: Friday, October 12, 2018 1:54:00 PM

Hi Laurie - if you can, maybe provide a couple of slides (with Ben) on Puget Sound approach? That would be helpful. I can also cobble something together for your review.

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US EPA, Region 10
1200 Sixth Avenue, Suite 155, MC: OWW-191
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Ph: 206.553.1172

From: Mann, Laurie
Sent: Friday, October 12, 2018 1:49 PM
To: Labiosa, Rochelle <labiosa.rochelle@epa.gov>
Subject: FW: Region 10 nutrients presentation preparation - information compilation requested by Sept. 10

Rochelle – fyi, none of us did the TMDL assignment for your presentation! I’m sorry - - it wasn’t clearly assigned to anyone.

If there’s a specific TMDL that you think would be perfect, please let one of us know. Unfortunately, I’m out of the office all next week....

From: Mann, Laurie
Sent: Friday, October 12, 2018 1:48 PM
To: Fullagar, Jill <Fullagar.Jill@epa.gov>; Carlin, Jayne <Carlin.Jayne@epa.gov>; Woodruff, Leigh <Woodruff.L Leigh@epa.gov>; Schary, Claire <Schary.Claire@epa.gov>
Cc: Croxton, David <Croxton.David@epa.gov>
Subject: RE: Region 10 nutrients presentation preparation - information compilation requested by Sept. 10

I noticed that Rochelle is seeking an “innovative” nutrient TMDL, and it looks like Dixie Drain is the NPDES example.

Is there Boise TMDL (related to Dixie Drain) that is a helpful example?

The Lake Whatcom DO TMDL is very innovative, but I’m out of the office next week so am not able to put that example together....

From: Fullagar, Jill
Sent: Friday, October 12, 2018 12:33 PM
To: Carlin, Jayne <Carlin.Jayne@epa.gov>; Mann, Laurie <mann.laurie@epa.gov>; Woodruff, Leigh <Woodruff.L Leigh@epa.gov>; Schary, Claire <Schary.Claire@epa.gov>
Cc: Croxton, David <Croxton.David@epa.gov>
Subject: FW: Region 10 nutrients presentation preparation - information compilation requested by Sept. 10

Importance: High

Hi all,

A while back Dave had forwarded the below email (at least to me, Jayne and Laurie) asking for help for Rochelle with some slides for a presentation. The presentation was pushed back, so she needs them now by Oct 20. I am filling in slide 8 with information from the listing program, but slide 9 and

10 are related to a TMDL example. I didn't see anyone respond to Dave about it, and don't see that anything has been filled in on the PowerPoint, so wanted to make sure that someone was taking a look at this for Rochelle, for the TMDL portion. Thanks.

jill

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From: Croxton, David

Sent: Tuesday, August 21, 2018 4:12 PM

To: Carlin, Jayne <Carlin.Jayne@epa.gov>; Fullagar, Jill <Fullagar.Jill@epa.gov>; Mann, Laurie <mann.laurie@epa.gov>

Subject: FW: Region 10 nutrients presentation preparation - information compilation requested by Sept. 10

Importance: High

Hi- See Rochelle's email regarding a command nutrients presentation Rochelle has to do. I highlighted most relevant part. Can you see about assisting Rochelle in gathering this info? I'm hoping ATTAINS might provide this info.

thanks

From: Labiosa, Rochelle

Sent: Monday, August 20, 2018 5:10 PM

To: Croxton, David <Croxton.David@epa.gov>; Lidgard, Michael <Lidgard.Michael@epa.gov>; Shaw, Hanh <Shaw.Hanh@epa.gov>; Burgess, Karen <Burgess.Karen@epa.gov>; Zell, Christopher <zell.christopher@epa.gov>; Cope, Ben <Cope.Ben@epa.gov>; Peak, Nicholas <Peak.Nicholas@epa.gov>; Gockel, Catherine <Gockel.Catherine@epa.gov>; Murchie, Peter <Murchie.Peter@epa.gov>; Henning, Alan <Henning.Alan@epa.gov>

Subject: Region 10 nutrients presentation preparation - information compilation requested by Sept. 10

Importance: High

Hi All,

I am hoping to get your assistance in helping to compile information regarding the Region's nutrients work - I have been tasked with presenting on Region 10's nutrients work on September 20th at the national nutrients managers meeting. I have a format worked out based on what Region 1 presented - please see the attached (if you need me to grant access to the document, please let me know, but it should be shared via this email). If you can find your names below and add your slides by 9/10, I would greatly appreciate it. If you need more time to get the info together, please let me know.

I will work on overall format and slides 1-4

Slide 5 - I am hoping the **Chris Z.** can provide info on the NARS nutrients summary for R10

I will do slides 6-7

Slides 8-10, are on 303d program - **Dave**, can you work with your staff to put together the summary stats/info* plus highlight one novel TMDL example?

Slides 11-13 are on permitting - **Mike and Karen**, can you work with permits staff to compile summary stats/info*, plus highlight one or two novel permitting examples? For the novel permitting example, we could feature Dixie Drain (and I have an IDEQ presentation I can pull from for that, if you wish)

*may be available from the R10 nutrients tool

Slide 14 transition slide (**Rochelle**)

Slide 15 - PS Nutrient/bio-phys model (**Ben**)

Slide 16 - RARE slide on the ag fertilizer optimization project in Oregon (**Alan**)

Slide 17 - RARE slide on Tillamook ODA/EPA/TEP project (**Rochelle**)

Slide 18 - slide on ZAPs CRADA - **Catherine/Peter**

Slide 19 - novel ag approaches - **Nick**

Please let me know if there is something that I have missed that you think would be worthwhile to include.

Thanks so much in advance for your assistance with this.

Rochelle

Rochelle Labiosa, Ph.D.

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